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4 BILL NO. S-76-06- 14

5 SPECIAL ORDINANCE NO. S- 121-76

6 AN ORDINANCE approving Change Order
7 No. 9 in connection with the
8 Water Pollution Control Expansion
9 Project.

10 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY
11 OF FORT WAYNE, INDIANA:

12 SECTION 1. That Change Order No. 9 to Hagerman-
13 Shambaugh, joint bidders, in connection with Division I
14 of the Water Pollution Control Expansion Project in the amount
15 of \$207,095.00, as set out in the specifications, is hereby
16 in all things ratified, confirmed and approved.

17 SECTION 2. This Ordinance shall be in full force
18 and effect from and after its passage and approval by the Mayor.

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20 Councilman

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32 APPROVED AS TO FORM
33 AND LEGALITY,
34 
35 CITY ATTORNEY

Read the first time in full and in motion by Moses, seconded by Dolan, and duly adopted. read the second time by title and referred to the Committee on Public Works. (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on the 6th day of June, 1976, at 5:00 o'clock P.M., E.S.T.

Date: 6-8-76

Charles W. Westerman
CITY CLERK

Read the third time in full and on motion by Moses, seconded by Hengst, and duly adopted, placed on its passage. Passed (~~lost~~) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT
TOTAL VOTES	<u>7</u>	<u>0</u>		<u>2</u>	
BURNS	✓				
HINGA	✓				
HUNTER	✓				
MOSES	✓				
NUCKOLS	✓				
SCHMIDT, D.	✓				
SCHMIDT, V.				✓	
SIER	✓				
TALARICO				✓	

DATE: 6-22-76

Charles W. Westerman
CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (Zoning Map) (General) (Annexation) (Special) (Appropriation) Ordinance (Resolution) No. 2121-76 on the 22nd day of June, 1976.

ATTEST: (SEAL)

Charles W. Westerman
CITY CLERK

James S. Sier
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 23rd day of June, 1976, at the hour of 11:00 o'clock A. M., E.S.T.

Charles W. Westerman
CITY CLERK

Approved and signed by me this 23rd day of June, 1976, at the hour of 5:00 o'clock P. M., E.S.T.

Robert E. Armstrong
Mayor

Bill No. S-76-06-14

REPORT OF THE COMMITTEE ON PUBLIC WORKS

We, your Committee on Public Works to whom was referred an Ordinance
approving Change Order No. 9 in connection with the Water Pollution Control
Expansion Project

have had said Ordinance under consideration and beg leave to report back to the Common
Council that said Ordinance ADO PASS.

Winfield C. Moses, Jr. - Chairman

Donald J. Schmidt - Vice-Chairman

Vivian G. Schmidt

Paul M. Burns

William T. Hinga

W. C. Moses, Jr.
D. J. Schmidt

Paul M. Burns
William T. Hinga

6-22-76
DATE CONCURRED IN
CHARLES W. WESTERMAN, CITY CLERK

63-145-9 5/24/72

Job No. 3263, 8p

PROJECT Water Quality Control Project OWNER City of Fort Wayne, Indiana
DIVISION/~~SECTION~~ I - Water Pollution Control Plant Additions
CHANGE ORDER NO. 9

TO: Hagerman-Shambaugh - Joint Bidders
% Hagerman Construction Corporation
P.O. Box 690 - 403 Strauss Building
Fort Wayne, Indiana 46801

You are hereby authorized to make the following additions and/or deductions to your contract amount.

	Previous Contract Amount	Increase	Decrease	Net Change (xxxxxx) (Add)	Revised Contract Amount
TOTAL	\$ <u>20,797,589.10</u>	\$ <u>207,095</u>	\$ <u>-0-</u>	\$ <u>207,095</u>	\$ <u>21,004,684.10</u>

Description of Change:

Add

Deduct

Item No. 1

Add as part of the Division I electrical work all work including labor and material covered under Division II plans and specifications, and more specifically outlined under Section D-14, Electrical, Division II Specifications, pages D14/1 through D14/41, except for rough-in work completed for outfall structure at Pond No. 3, outfall structure at Pond No. 2, the interconnecting structure between Pond No. 2 and Pond No. 3 and the chlorination diversion structure, and except for electrical permit which has been obtained.

This change is further to add 22,000 feet of hard-wire direct burial electronic instrument cable in lieu of telemetering to include:

- (1) multiple twisted numbered pairs or triods of insulated stranded copper wire,
- (2) communications wire,
- (3) aluminum Mylar shield,

Item No. 1 - (Continued)

Add

Deduct

- (4) shield drain wire,
- (5) inner extruded PVC jacket,
- (6) rip cord for easy jacket removal,
- (7) Dekabon armor, and
- (8) weatherproof thermo plastic jacket; buried cable markers and a cable tracer metal detector, and stainless steel piping for Bubbletrol systems.

\$207,095.00

Item No. 2

In lieu of specified control loop digital telemetering in Section D-14, Article 46C, Contractor shall provide analog hard wired control loop cables between master control panel and the following area control panels:

Aeration Control Panel
Chlorine Building Control Panel
Chemical Building Control Panel
Digester Control Panel

All on/off open/close and status signals shall be telemetered between these points using a digital system.

The control system requirements for telemetering to lift stations, regulators, river monitors and storm water treatment facility shall remain as originally specified. All telemetering from the lift stations, regulators and river monitors shall be as specified on pages D14/139 through D14/150.

The control system specified under Section D14 Article 46, Division I - shall remain independent in all ways from plant process controller and shall remain hard wired from master control panel to process controller.

0

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CHANGE ORDER NO. 9PROJECT Division I - Water Pollution Control Plant AdditionsItem No. 3

Add

Deduct

Due to encountered delays for obtaining necessary electrical components and resolution of interfacing problems between Division I and Division II equipment, add 90 days extension to the contract completion date. The new completion date therefore is January 18, 1978.

0

0

Totals

\$ 207,095.00

0

Net Change (Add)

\$ 207,095.00

RECOMMENDED:

HENRY B. STEEG & ASSOCIATES, A DIVISION
OF HOWARD NEEDLES TAMMEN & BERGENDOFF

By Ray H. HokerTitle Project Engineer Date 4/14/76

ACCEPTED:

HAGERMAN-SHAMBAUGH

ACCEPTED FOR: HAGERMAN CONSTRUCTION CORP.
CONTRACTOR

By Mark F. HagermanTitle Pres. Date 4/19/76

ACCEPTED FOR: SHAMBAUGH & SON, INC.

CONTRACTOR

By Mark F. HagermanTitle V.P. Date 4/19/76

APPROVED:

CITY OF FORT WAYNE, INDIANA

OWNER

By Henry P. Wehrenberg

Henry P. Wehrenberg, Chairman

By Ethel H. LaMar

Ethel H. LaMar, Member

By Max ScottMax Scott, Member
BOARD OF PUBLIC WORKS

Title

Date: 4/21/76

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: This change is required to overcome encountered construction
and installation problems associated with the interfacing of instrumentation and elec-
trical controls of the process control system between Division I and Division II. This
change provides for all electrical work to be accomplished by the Division I contractor.

2. Will proposed change alter size of the project? Yes No X

If yes, explain

No - only the scope of work for Divisions I and II within the project. Division I
increases to that part that Division II is reduced.

3. Affect on operation and maintenance cost of this project:

N/A

Engineer

REQUEST AND JUSTIFICATION FOR CHANGE

Necessity for change: This change is being processed because of the expressed desire
of the Owner to have a completely analog hard wired control loop system in the plant
rather than a digital telemetered control system. The on/off open/close and status
signal loops will still be telemetered.

Will proposed change alter size of the project? Yes _____ No X

If yes, explain

Affect on operation and maintenance cost of this project:

Difficult to place dollar value, but by elimination of the telemetering devices
maintenance has to be reduced.

Engineer

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: This change is necessary to permit the contractor to obtain required electrical components for which orders have been held pending resolution of process controls interfacing problems.
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

2. Will proposed change alter size of the project? Yes _____ No X
- If yes, explain
- _____
- _____

3. Affect on operation and maintenance cost of this project:

N/A

Engineer

DIGEST SHEET

S. 76-06-14

TITLE OF ORDINANCE SPECIAL ORDINANCE-Change Order No. 9 on Division I of WPC Expansion Project
DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS

SYNOPSIS OF ORDINANCE Change Order No. 9 of Hagerman-Shambaugh, Joint Bidders on Division I of the Water Pollution Control Project provides for contract increase in amount of \$207,095.00. This allows for the electrical work which was originally a part of Division II of the Expansion Project. Said electrical work will be deleted from contract on Division II.

(SEE ATTACHMENTS FOR DETAILED EXPLANATION)

EFFECT OF PASSAGE Electrical work on project will be done by contractor for Division I instead of contractor for Division II

EFFECT OF NON-PASSAGE Failure to construct project in manner deemed necessary by City and Consulting Engineer

MONEY INVOLVED (Direct Costs, Expenditures, Savings) \$207,095.00 increase to contract for Division I but no additional cost on overall project

ASSIGNED TO COMMITTEE

Public Wks. Comm.